



# The 2020 Census Geographic Partnership Opportunities

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# Geographic Partnership Opportunities

## The 2020 Census



Local Update of Census Addresses



Geographic Support System



Participant Statistical Areas Program



Boundary and Annexation Survey



Boundary Quality Assessment & Reconciliation Project

# 2020 Local Update of Census Addresses Program

A once-a-decade-opportunity for designated representatives to review the addresses that will be used to conduct the Decennial Census

## *Single, Simplified Option:* Title 13, Full Address List Review

- Reduce the number of deleted LUCA records in field verification activities
- Reduce the burden and the complexity of LUCA
- Continuous feedback throughout the decade through the GSS program
- No Boundary & Annexation Survey as LUCA component for 2020

# 2020 LUCA Program

## Maryland and 2010 LUCA

	Total	Total Registered	% Registered	Total Address Files Returned	% Returned	Total Address Records Received	Total Address Records Processed
State	1	1	100%	1	100%	119,941	119,927
County	23	20	87%	18	90%	559,368	559,041
Place	157	59	38%	42	38%	312,937	312,649
						992,246	991,617

National participation numbers:

States: 56%

Counties: 51%

Places: 36%

# 2020 LUCA Program

## *New for 2020*

- Include census structure coordinates in the census address list and allow partners to return their structure coordinates as part of their submission
- Provide ungeocoded (no geographic coordinates) U.S. Postal Service Delivery Sequence File addresses to State and County partners
- Provide address list in more standard formats (.xlsx & .csv)
- Provide address counts in early 2017 and a public geocoding tool so you can geocode your address list to assess whether you'd like to participate

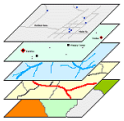
# 2020 LUCA Program

## Participation Options & Schedule

### Participation Options:



GUPS (Geographic Update Partnership Software )



Digital (Commercial GIS/Spreadsheet/Database software)



Paper Address List and Maps

(Available only to governments with < 6000 addresses)

### Tentative Schedule:

Advanced Notice Mailing: February 2017

Program Invitation: July 2017

Materials Available for Review: February 2018

LUCA Feedback Provided: August 2019

LUCA Appeals: October 2019

# Geographic Support System

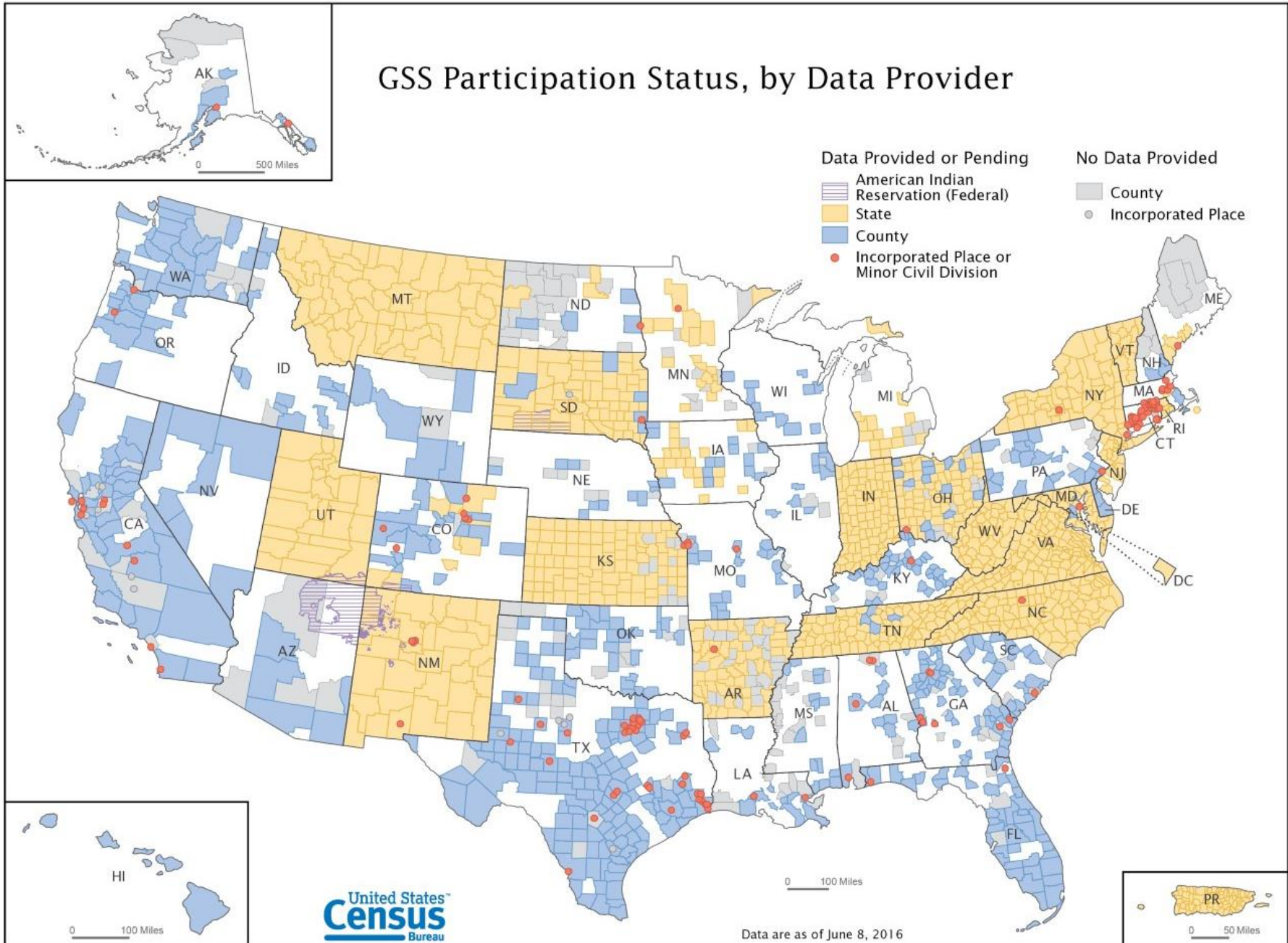
GSS: Opportunity to submit addresses and spatial data to Census Bureau on a continual basis

*Goal: Add new addresses to the Master Address File (MAF), new streets to TIGER, and resolve address and spatial inconsistencies*

- Must meet minimum Address Guidelines
- After acquiring partner data, Census performs content verification to determine usability
- Crosswalk, standardize, match, and geocode partner addresses and structure points using Master Address File
- Match street centerline data to ID differences, calculate spatial accuracy (CE95 method) of partner data using GPS control points



# GSS Participation Status, by Data Provider





# 2020 Participant Statistical Areas Program

Opportunity for designated representatives to review and update statistical geographies for 2020 Census data tabulation

## Possible renaming of program

- Enables coordinating agencies to review, identify, propose changes and delineate new census tracts, block groups, census designated places (CDPs), and census county divisions (CCDs).
- TSAP folded into PSAP: ONE program on one schedule
- 2 Phases: Delineation (120-day review)
- Verification

# 2020 PSAP “Plan”

## *New for 2020*

- Census Bureau intends to create a 2020 statistical areas “plan” for both the standard and tribal statistical geographies, which our partners can review and update
- Lessens burden on our partners
- Ensures that ALL statistical geographies are reviewed/updated consistently
- More extensive review than just criteria thresholds
- Partners can update the 2020 “plan” **OR** they have option to update from 2010 statistical geography base

***GOAL: Clean, Consistent Statistical Geography Nationwide***

# 2020 PSAP

## Participation Options & Schedule

**Standard Statistical Geographies:**



**GUPS**

Geographic Update Partnership Software

**Tribal Statistical Geographies:**



**GUPS**

or



**Paper Maps**

## Tentative Schedule:

Program invitation: Spring 2017

Materials Available: Winter 2018

PSAP Verification: Fall/Winter 2019

# Annual Boundary & Annexation Survey

Legal Boundaries in Effect on January 1

- Annual Survey to collect legal Boundaries in effect on January 1 of the BAS year
- Boundaries are used to tabulate data for
  - Decennial Census (year ending in 0)
  - Economic Censuses (years ending in 2, 7)
  - Population Estimates Program (annually)
  - American Community Survey (annually)
- Survey sent starting in December, Materials available (BAS 2017 survey sent in December 2016)

# Boundary & Annexation Survey

## Deadlines & Participation Options

### Deadlines:

**March 1** of Survey Year: updates reflected in American Community Survey (ACS) and Population Estimates Program (PEP)

**May 31** of Survey Year: updates reflected in the following year's BAS

### Participation Options:



GUPS (Geographic Update Partnership Software )



Digital (Commercial GIS)



Paper Maps

# Boundary & Annexation Survey

## Coordination with Redistricting

- As part of 2020 Redistricting Data Program, State RDP Liaisons may submit boundary updates in Phase 1 (BBSP) & Phase 2 (VTD) *new for 2020*
- Census BAS staff coordinates any RDP-submitted updates with local BAS official for the jurisdiction
- More info on 2020 Redistricting Data Program:  
<https://www.census.gov/rdo/>

# BAS Consolidation

## by the State or a County Government

### State-Level BAS consolidation:

- Appropriate where state law dictates that all governments within the state must provide legal changes to a state office

### County-Level BAS Consolidation:

- County responds to BAS for governments within the county (entities must agree)

Consolidation can eliminate duplication of effort, save \$\$, ensure boundary changes are being reported, contributes to the NSDI

(Census Bureau is boundary steward under OMB Circular A-16)

*Good Opportunity to Update Boundaries before LUCA!*



# Boundary Validation Program

## January 2020

- Highest Elected Officials and Tribal Chairs provided maps of jurisdictional boundaries for review and update
- Boundaries as of January 1, 2020 that will be used for 2020 Census data tabulation

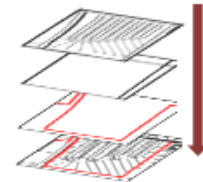
# Boundary Quality Assessment and Reconciliation Project

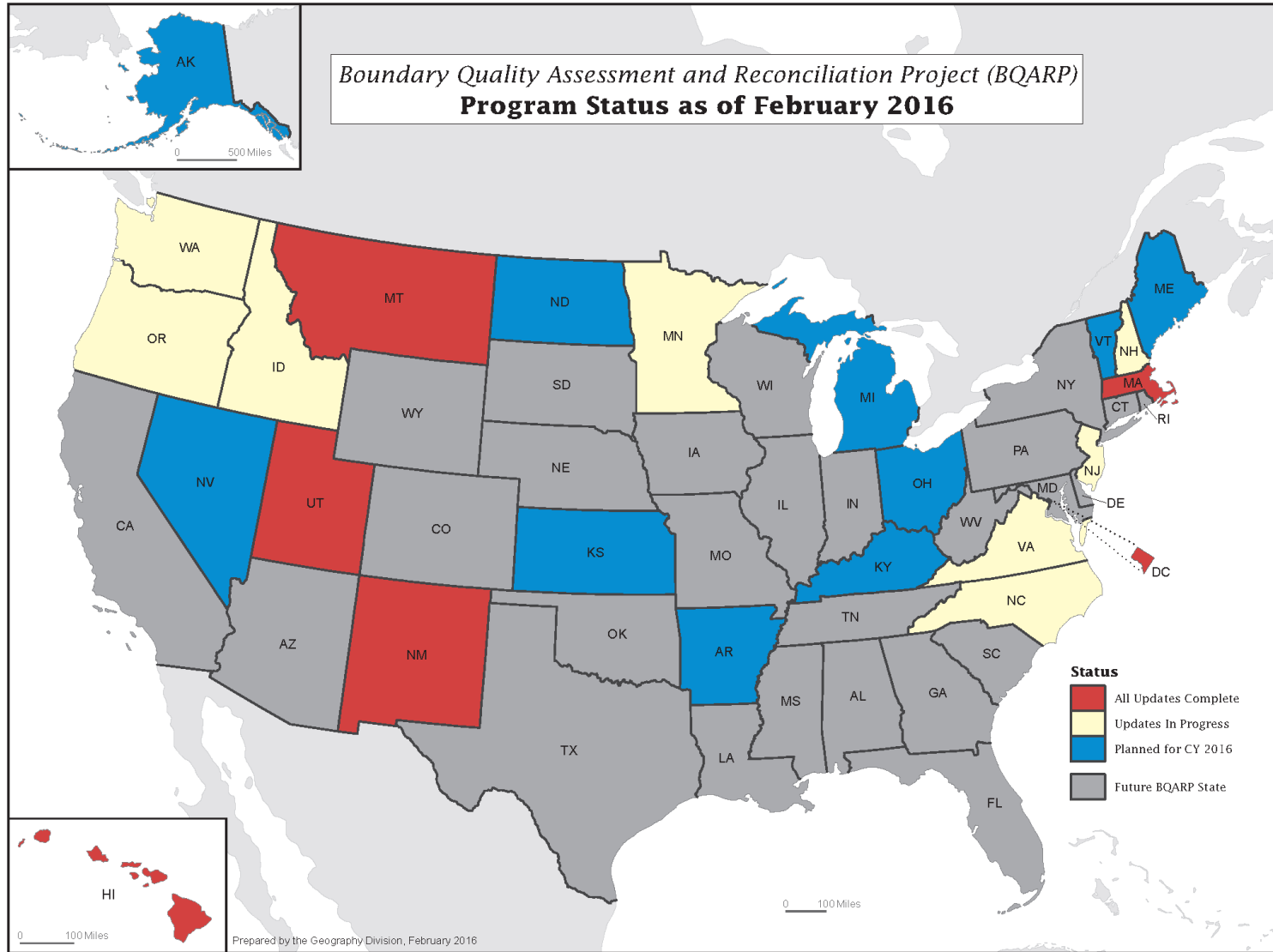
## BQARP

*Goal: Improve legal and administrative spatial boundary quality in MAF/TIGER System*

- Compare locally sourced data (we acquire whole data sets, not transaction polygons) to adjust Census boundaries
- Align to parcel and PLSS boundaries, where applicable
- Coordinate efforts with State partners
- Lock boundaries in place to prevent changes without legal documentation

*Independent of BAS*

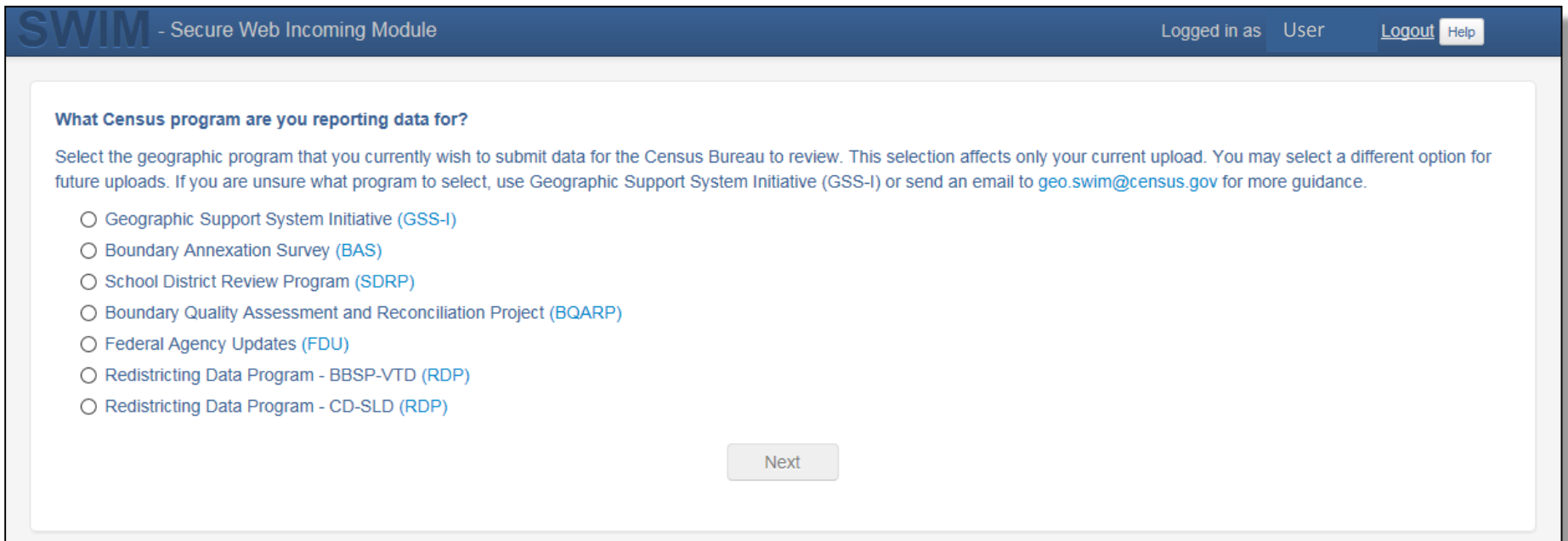




# SWIM: Secure Web Incoming Module

Official web portal for uploading partnership materials to the Census Bureau

<https://respond.census.gov/swim/>



The screenshot shows the SWIM (Secure Web Incoming Module) web portal. The header bar is dark blue with the text "SWIM - Secure Web Incoming Module" on the left. On the right, it says "Logged in as User" with a "Logout" link and a "Help" button. The main content area is white and contains the following text:

**What Census program are you reporting data for?**

Select the geographic program that you currently wish to submit data for the Census Bureau to review. This selection affects only your current upload. You may select a different option for future uploads. If you are unsure what program to select, use Geographic Support System Initiative (GSS-I) or send an email to [geo.swim@census.gov](mailto:geo.swim@census.gov) for more guidance.

- ☐ Geographic Support System Initiative (GSS-I)
- ☐ Boundary Annexation Survey (BAS)
- ☐ School District Review Program (SDRP)
- ☐ Boundary Quality Assessment and Reconciliation Project (BQARP)
- ☐ Federal Agency Updates (FDU)
- ☐ Redistricting Data Program - BBSP-VTD (RDP)
- ☐ Redistricting Data Program - CD-SLD (RDP)

At the bottom of the form is a "Next" button.

# The 2020 Census

## Key Geographic Partnership Activities

2016

**BAS** 2016 deadline to be included in ACS, PEP - March 1

**BAS** 2016 deadline for updates to be included in next year's BAS - April 31:

**BAS** 2017 - annual invitation to update legal boundaries - December

2017

**LUCA** Advance Notice sent to Highest Elected Officials – January

**BAS** 2017 deadline to be included in ACS, PEP - March 1

**BAS** 2017 deadline for updates to be included in next year's BAS - April 31:

**LUCA** Invitation to review Master Address File –July 2017

**BAS** 2018 – annual invitation to update legal boundaries - December

2018

**LUCA** materials available for review- February (120 days)

**PSAP** materials available for review -December 120 days

**BAS** schedule repeated as above

2019

**LUCA** Feedback provided to participants - August

**LUCA** Appeals Process - October

**PSAP** Verification materials available for review- Fall/Winter

**BAS** schedule repeated as above

2020

**Boundary Validation Program** maps sent to HEO/Tribal Chair -January

**Census Day** – April 1, 2020

**Apportionment Counts to the President**- by December 31, 2020

**BAS** schedule repeated as above


2021

**Redistricting Counts to the State**- by March 31, 2021

**BAS** schedule repeated as above

# Visit Our Census Geographic Partnerships Page

<http://www.census.gov/geo/partnerships/index.html>



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### Partnerships

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- [School District Review Program](#)
- [2010 Participant Programs](#)
- [2000 Participant Programs](#)

#### Partnerships

We foster partnerships with federal, state, local, and tribal governments as well as commercial partners. Find information about specific partnership programs and learn more about our partnerships with other organizations.

[American Indian and Alaska Native Programs](#)

Programs with tribal officials to maintain a current inventory of all legally defined tribal lands, their boundaries and status.

[Boundary and Annexation Survey](#)

Annual survey to collect information from state and local officials about select legally defined geographic areas. Basic information about the program as well as participant materials.

[Federal Register Notices](#)

*Federal Register* notices that relate to geographic concepts, programs, and procedures. Notices from Geography Division only.

[School District Review Program](#)


Program to collect current school district boundary information from state and local school officials. Basic information about the program as well as participant materials.

[2010 Partnership Programs](#)

Programs that were used to prepare address lists and statistical geographic boundaries prior to the 2010 Census.

[2000 Participant Programs](#)

Programs used to prepare address lists and statistical geographic boundaries prior to Census 2000.



## Contact Information:

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